Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 08 May 2023 until 23:59 on Tuesday 09 May 2023

Forecast Issued on Monday 08 May 2023 at 03:18

Confidence: High confidence for a wet morning, confidence lowers somewhat into the day.

Headline for Monday 08 May 2023: Rain, locally heavy, moving eastwards through the morning. Rain turning more showery in the afternoon, locally heavy and possibly thundery at times. Windy on the summits.

Mountain weather hazards on Monday 08 May 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain showers	Heavy rain showers (night)
Precipitation probability					
60%	90%	90%	90%	60%	60%

Forecast for Monday 08 May 2023

Weather: Overcast as rain, locally heavy, moves eastwards during Monday morning. Rain likely becoming lighter and patchier into the afternoon with perhaps some brighter spells, but further bands of showers or longer spells of rain will follow during the afternoon and evening. These will be locally heavy and possibly thundery at times.

Chance of cloud-free hill tops above 600m: 20%.

Low Cloud and visibility: Moderate visibility will become poor to very poor at times in rain as extensive cloud lowers to 200-300m during the morning. Cloud perhaps breaking a little by the afternoon, mainly in the east of the range, lifting to 500-600m at times with visibility improving somewhat in any brightness. The risk of further rain into the afternoon and evening seeing conditions lower once again however.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 08 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/29 S	17/25 S	16/21 S	14/19 SW	11/15 SW	11/17 SW	10/16 SW
300	7/18 S	8/16 S	9/17 S	8/16 S	7/14 SW	9/17 SW	7/15 SW
Valley	4/13 SE	7/17 S	7/16 S	6/13 S	5/12 SW	5/12 SW	5/12 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	8/5	10/7	11/8	11/9	10/7	9/6
300	10/8	10/9	12/11	13/11	12/11	11/9	10/9
Valley	11/11	12/11	14/12	14/13	13/12	12/11	11/10
Freezing Level*	2600m	2600m	2500m	2500m	2300m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud and persistent rain will make for challenging navigation at height throughout the day. Care should be if heading out on the hills later in the day as the forecast is lower confidence, with the potential for more persistent rain and the risk of isolated thunder and lightning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 08 May 2023	0.4mm	0.8mm	2.8mm

Forecast for Tuesday 09 May 2023

Weather: Low cloud with outbreaks of rain and drizzle overnight will gradually clear during Tuesday morning. Brightening up by late-morning and into the afternoon. However, the clouds will soon begin to bubble up to give a mixture of sunny spells and scattered showers in the afternoon, these are likely to be heavy and possibly thundery at times, with the risk of hail.

Maximum wind: Westerly 10-15mph, with occasional gusts 20-25mph.

Chance of cloud-free hill tops above 600m: 20% at first, improving to 90%.

Low Cloud and visibility: The visibility will be locally poor to start with widespread cloud down to locally 200-400m. Conditions improving through the morning as cloud lifts and breaks above summits to give good visibility outside of any afternoon showers

Temperature: **Valleys:** Plus 10 Celsius, becoming Plus 18 Celsius.
At 600m: Plus 8 Celsius, becoming Plus 10 Celsius.
Freezing level: Above the summits.

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